the continuous quality improvement listener subscribes to a reportable biomed event topic and to a reportable clinical even topic,

the continuous quality improvement listener is configured to communicate a reportable biomed event received by the subscription to the reportable biomed event topic to an external database, and

the continuous quality improvement listener is configured to communicate a reportable clinical event received by the subscription to the reportable clinical event topic to the external database.

14. The system according to claim 13, wherein the external database records at least one of the reportable biomed event and the reportable clinical event.

15. The system according to claim 1, further comprising a device manager executable on the facility gateway, wherein the device manager is configured to maintain the list of medical devices including the medical device.

16. The system according to claim 15, wherein the list of the medical devices includes a list of serial numbers corresponding to the list of medical devices.

17. The system according to claim 1, further comprising a monitoring client in operative communication with the medical device through the network to receive status information therefrom.

18. A system for electronic patient care, the system comprising:

a network;

a facility gateway configured to communicate via the network by providing a web service, wherein the facility gateway publishes a medical device event topic;

a device application configured for execution on the facility gateway and configured to subscribe to the medical device event topic, wherein the device application publishes a Continuous Quality Improvement ("CQI")-message topic, and wherein the device application is configured to receive an event from the subscription to the medical device event topic and publish the event as a CQI message through the CQI-message topic;

a medical device in operative communication with the network, wherein:

only the medical device is configured to communicate with the facility gateway using the web service and to generate the event using a web method of the web service, the medical device initiates communications with the facility gateway using the web service at predetermined intervals of time to request a response payload, the facility gateway configured to be prevented from initiating communications with the medical device;

the facility gateway determines whether the medical device is listed on an access list of medical devices that can access the facility gateway;

in response to the medical device initiated communication by the medical device determined to be on the access list, the facility gateway formats the response payload comprising an availability of a software update, an availability of a queryable data type, and a plurality of current request statuses, wherein each current request status is a request for the medical

device to transmit a data type of a plurality of data types to the facility gateway,

the facility gateway communicates the response payload to the medical device in response to the medical device initiated communication, and

the medical device communicates all data types of the plurality of data types where a respective current request status of the current request statutes indicates a request of a respective data type.

19. The system according to claim 18, wherein the facility gateway subscribes to the CQI-message topic to receive the CQI message.

20. The system according to claim 19, further comprising a CQI listener configured for execution by the facility gateway, wherein the CQI listener is subscribed to the CQI-message topic to receive the CQI message.

21. The system according to claim 20, wherein the CQI listener communicates the CQI-message to an external database.

22. The system according to claim 18, wherein the CQI message is one of a reportable biomed event and a reportable clinical event.

23. The system according to claim 18, further comprising a monitoring client configured to operatively communicate with the medical device.

24. The system according to claim 23, wherein the monitoring client communicates with the medical device by subscribing to the CQI-message topic.

25. A medical device, comprising:

at least one processor configured to communicate with a network, where only the medical device is configured to communicate with a facility gateway using a web service and to generate an event using a web method of the web service, wherein the at least one processor is configured where:

the medical device initiates communications with the facility gateway using the web service at predetermined intervals of time to request a response payload, the facility gateway configured to be prevented from initiating communications with the medical device;

the facility gateway determines whether the medical device is listed on an access list of medical devices that can access the facility gateway;

in response to the medical device initiated communication by the medical device determined to be on the access list, the facility gateway formats the response payload comprising an availability of a software update, an availability of a queryable data type, and a plurality of current request statuses, wherein each current request status is a request for the medical device to transmit a data type of a plurality of data types to the facility gateway,

the facility gateway communicates the response payload to the medical device in response to the medical device initiated communication, and

the medical device communicates all data types of the plurality of data types where a respective current request status of the current request statutes indicates a request of a respective data type.

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